Topic	Alternative A Current Mgmt	Alternative B	Alternative C	Alternative D	Alternative E	Alternative F Preferred Alternative
Spacing Requirements	The BLM would be consistent with the State spacing requirements and current Board Orders for Leroy and Sawtooth Mountain Gas Fields. Currently one well is allowed per half section within the Leroy Gas Field and one well per section is allowed within the Sawtooth Mountain Gas Field. Each field contains multiple exceptions for additional wells to be drilled per half section/sections or location exceptions. Changes, exceptions, or modifications are allowed to maximize the extraction of the natural gas resource.	The BLM would limit spacing to no more than four well locations/sites per section, subject to other siting criteria. Changes, exceptions, or modifications could be allowed in the interest of maximizing the extraction of the natural gas resource.	The BLM would be consistent with the State spacing requirements and current Board Orders for Leroy and Sawtooth Mountain Gas Fields. Currently one well is allowed per half section within the Leroy Gas Field and one well per section is allowed within the Sawtooth Mountain Gas Field. Each field contains multiple exceptions for additional wells to be drilled per half section/sections or location exceptions. Changes, exceptions, or modifications could be allowed to maximize the extraction of the natural gas resource.	The BLM would be consistent with the current State spacing requirements and current Board Orders for Leroy and Sawtooth Mountain Gas Fields. One well is allowed per half section within the Leroy Gas Field and one well per section is allowed within the Sawtooth Mountain Gas Field. Each field contains multiple exceptions for additional wells to be drilled per half section/sections or location exceptions. No changes, exceptions, or modifications would be allowed.	The BLM would reduce spacing in specific areas where necessary from 2 wells per section to 1 well per section. Changes, exceptions or modifications would be allowed.	The BLM would limit spacing to no more than four well locations/sites per section, subject to other siting criteria. Changes, exceptions, or modifications could be allowed in the interest of maximizing the extraction of the natural gas resource, while minimizing impacts to sensitive areas. (Dale to rewrite Alternative F as per 4/21/04 team meeting notes)
Drilling Operations	Drilling operations would follow standard operating procedures.	Only the minimal amount of surface disturbance would be permitted for drilling and production phases. The disturbed area would confine the operation to an acceptable (safe) area/space. The goal is to achieve a desired effect on the land to no impact, or use low impact drilling technology, develop multiple wells from one location or staying away from trouble or problem areas. This would include the access to a drilling site.				Only the minimal amount of surface disturbance would be permitted for drilling and production phases. The disturbed area would

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						confine the operation to an acceptable (safe) area/space. The goal is to achieve a desired effect on the land to no impact, encourage low impact drilling technology, develop multiple wells from one location or staying away from trouble or problem areas. This would include the access to a drilling site.
Administrative Access on Existing and New Resource Roads Used for Natural Gas Operations	Access on resource roa	ds with no restrictions.		ified designated roads to e to resource issues, time		Restrict travel on identified designated roads to the minimal vehicle needed for the job. Due to resource issues, time restrictions may be applied to site visits.
Conditions of Approv	Surface use would be restricted 300 feet from developed recreation areas and undeveloped recreation areas receiving concentrated public use.	No surface occupancy within 300 feet of developed recreation areas and undeveloped recreation areas receiving concentrated public use.	No surface occupancy within the line of sight or sound or 300 feet, whichever is closer. Work over type of operations, would be limited to weekdays only, except for	No surface occupancy or sound or 300 feet, w work over type of oper or maintenance, would Tuesdays, Wednesdays	hichever is closer. For ations, like well fracing be limited to	No surface occupancy within the line of sight or sound or 300 feet 90 meters, whichever is closer. Work over type of operations, would be limited to weekdays only,

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			emergency situations when operations would be allowed.			except for emergency situations when operations would be allowed.
Pipelines	The placement and con would follow standard including cross-country	operating procedures	Require pipelines to stay within existing disturbance or least intrusive disturbance.	Require pipelines to sta disturbance or access re		Require pipelines to stay within existing disturbance or least intrusive disturbance.
Reservoirs, Intermittent, Ephemeral, Perennial Streams, Riparian/Wetland Areas	No surface disturbance within 500 feet of reservoirs, intermittent, ephemeral, and small perennial streams. Surface disturbance restricted within 1000 feet of riparian and wetland areas.	No surface disturbance within 1000 feet, if such activity has an adverse affect.	No surface disturbance	within 1320 feet (1/4 mile	e).	No surface disturbance within 500 feet 150 meters of reservoirs, intermittent, ephemeral, and small perennial streams. Surface disturbance restricted within 1000 feet 300 meters of riparian and wetland areas.
Soils	Surface disturbance is restricted on slopes over 30% or on slopes over 20% with extremely erodable and/or slumping soils. Under some current leases this requirement does not apply.		opes over 20% that are exng and reclamation plan.	tremely erodable and/or	slumping soils require	Surface disturbance is restricted on slopes over 30%, or on slopes over 20% with extremely erodable and/or slumping soils, and requires an approved reclamation and engineering plan.

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Water Disposal	Water disposal would follow standard operating procedures.	Size pits according to we berms into the pit. All would require wildlife necessary. For wells in two trips per month wo transport water off site. considered on a case-by operator has the option via a pipeline, disposal dispose in a water dispospition is not viable.	containment systems escape ramps where in the Monument, only build be authorized to i. Exceptions would be y-case basis. The to dispose the water pits including tanks, or	Size pits according to who have the pit (who containment systems who escape ramps. For each limit of no more than 5 day. For wells in the Martransport via tanker. The option to dispose the who disposal pits including water disposal well if a viable.	vertical sides). All vould require wildlife h well there would be a barrels of water per Monument, no water he operator has the rater via a pipeline, tanks, or dispose in a	Size pits according to water production with berms into the pit. All containment systems would require wildlife escape ramps and/or netting where necessary. For wells in the Monument, only two trips per month would be authorized to transport water off site. Exceptions would be considered on a case-by-case basis. The operator has the option to dispose the water via a pipeline, disposal pits including tanks, or dispose in a water disposal well if above option is not viable.
General Production Facilities and Equipment	Production facilities and equipment would follow standard operating procedures.	Utilize the Best Available Control Technology (BACT) as a minimum standard on all gas compressors for noise and nitrogen oxide emissions. Large gas compressors or pumping units (long-term noise producers) would not be allowed on public land. The following infrastructure would be allowed: • Fencing • Meter/Well Sheds • Risers • Well Head Equipment • Water Disposal Pits		Utilize the Best Available Control Technology (BACT) as a minimum standard on all gas compressors for noise and nitrogen oxide emissions. Large gas compressors or pumping units (long-		

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						term noise producers) should be located outside the Monument, but if they must be located within the Monument, BACT and Best Management Practices would be followed. The following infrastructure would be allowed: Fencing Meter/Well sheds Risers Well Head Equipment Water Disposal Pits Netting
Seismic	All types of seismic op allowed consistent with for the Monument.		Vehicle activity would be restricted to designated roads; exceptions would be authorized on a case by case basis dependent upon degree of data needed to identify the resource and the operator's ability to	Only helicopter suppor would be allowed in sp Gravitation methods w designated roads.	ecific areas.	Vehicle activity would be restricted to designated roads; exceptions would be authorized on a case- by-case basis dependent upon degree of data needed to identify the resource and the operator's ability to

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			mitigate surface disturbance.			mitigate surface disturbance. No surface blasting would be allowed. Sensitive areas would require helicopter support.